

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (<i>modified</i>) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: April 13, 2005		ATTY DOCKET NO. 2000_1524	SERIAL NO. 09/705,844
		APPLICANT Mitsuaki OSHIMA	
		FILING DATE November 6, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL <i>DP</i>	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ					
	AK					
	AL					
	AM					
	AN					

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>DP</i>	AO	J. A. C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come", IEEE Communications Magazine, Vol. 28, May 1990, pages 5-8 and 11-14
<i>DP</i>	AP	B. Hirosaki, "An Orthogonally Multiplexed QAM System Using the Discrete Fourier Transform", IEEE Transactions on Communications, Vol. Com-29, No. 7, July 1981, pages 982-989
<i>DP</i>	AQ	L. J. Cimini, Jr., "Analysis and Simulation of a Digital Mobile Channel Using Orthogonal Frequency Division Multiplexing", IEEE Transactions on Communications, Vol. Com-33, No. 7, July 1985, pages 665-675 and Annex

EXAMINER

Danellie

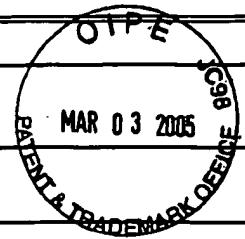
DATE CONSIDERED

08/04/05

Sheet 1 of 2		INFORMATION DISCLOSURE STATEMENT						
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) <i>(Use several sheets if necessary)</i> Date Submitted to PTO: March 3, 2005			ATTY DOCKET NO. 2000_1524		SERIAL NO. 09/705,844			
			APPLICANT Mitsuaki OSHIMA		FILING DATE November 6, 2000			
			GROUP 2634					
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DH	AA	3,824,548	7-16-74	Sullivan et al.	—	—	—	
	AB	3,959,726	5-25-76	Hinoshita et al.	—	—	—	
	AC	4,303,939	12-1-81	Stephens et al.	—	—	—	
	AD	4,303,941	12-1-81	Marti et al.	—	—	—	
	AE	4,309,726	1-5-82	Tanaka et al.	—	—	—	
	AF	4,535,352	8-85	Haskell	—	—	—	
	AG	4,564,858	1-14-86	Resch	—	—	—	
	AH	4,581,639	4-8-86	Judge	—	—	—	
	AI	4,769,819	9-6-88	Matsutani et al.	—	—	—	
	AJ	4,794,447	12-27-88	Tsinberg	—	—	—	
	AK	4,800,426	1-24-89	Glenn	—	—	—	
	AL	4,817,192	3-28-89	Phillips et al.	—	—	—	
	AM	5,007,088	4-9-91	Ooi et al.	—	—	—	
	AN	5,029,003	7-91	Jonnalagadda	—	—	—	
DH	AO	5,134,464	7-28-92	Basile et al.	—	—	—	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
DH	AP	5-327807	12-10-93	Japan	—	—	abstract	
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)								
DH	AQ	Masafumi SAITO et al., "Bit Error Rate Characteristics of OFDM in Multipath Environment", 1991						
DH	AR	Ryutaro OHMOTO et al., " $\pi/4$ -shift QPSK Subcarrier Transmission", 1991						
EXAMINER				DATE CONSIDERED				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (*modified*)ATTY DOCKET NO.
2000_1524SERIAL NO.
09/705,844U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAPPLICANT
Mitsuaki OSHIMALIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Data Submitted to PTO: March 3, 2005

FILING DATE
November 6, 2000GROUP
2634

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH	AA	5,181,112	1-19-93	Citta et al.	—	—	—
	AB	5,377,051	12-27-94	Lane et al.	—	—	—
	AC	5,400,084	3-21-95	Scarpa	—	—	—
	AD	5,576,902	11-19-96	Lane et al.	—	—	—
	AE	5,218,622	6-8-93	Fazel et al.	—	—	—
	AF	5,561,468	10-1-96	Bryan et al.	—	—	—
	AG	5,598,220	1-97	Citta et al.	—	—	—
DH	AH	5,802,241	9-1-98	Oshima	—	—	—
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DH	AJ	7-264148	10-13-95	Japan	—	—	abstract
DH	AK	7-322219	12-8-95	Japan	—	—	abstract
DH	AL	3-48587	3-1-91	Japan	—	—	abstract
	AM						
	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
	AQ	

EXAMINER

Dennis H.

DATE CONSIDERED

08/04/05